

Title (en)  
Alkali metal vapour dispenser.

Title (de)  
Alkalimetalldampfspender.

Title (fr)  
Dispensateur de vapeur de métal alcalin.

Publication  
**EP 0360316 B1 19941130 (EN)**

Application  
**EP 89202190 A 19890830**

Priority  
NL 8802172 A 19880902

Abstract (en)  
[origin: EP0360316A1] Alkali metal source based on a powder of silicon or germanium grains with a shell from a compound of silicon or germanium and the metal.

IPC 1-7  
**H01J 9/395**; **H01J 9/12**

IPC 8 full level  
**H01J 9/12** (2006.01); **H01J 9/395** (2006.01)

CPC (source: EP KR US)  
**H01J 9/12** (2013.01 - EP US); **H01J 9/395** (2013.01 - EP KR US); **H01J 2201/3426** (2013.01 - EP US)

Cited by  
WO2015004574A1; WO9960598A1

Designated contracting state (EPC)  
DE FR GB IT NL

DOCDB simple family (publication)  
**EP 0360316 A1 19900328**; **EP 0360316 B1 19941130**; CN 1026040 C 19940928; CN 1041063 A 19900404; DE 68919615 D1 19950112; DE 68919615 T2 19950614; JP H02106846 A 19900418; KR 900005537 A 19900414; NL 8802172 A 19900402; US 5006756 A 19910409

DOCDB simple family (application)  
**EP 89202190 A 19890830**; CN 89106658 A 19890830; DE 68919615 T 19890830; JP 22184089 A 19890830; KR 890012621 A 19890901; NL 8802172 A 19880902; US 40188889 A 19890831